

Claims

1. A multi-layered container, comprising:

a cover, with a plurality of first locking projections provided around a circumferential outer surface of the cover at predetermined intervals to be projected outward from the outer surface of the cover;

a plurality of container bodies, comprising a plurality of locking flaps provided around a circumferential outer surface of each of the plurality of container bodies at predetermined intervals to correspond to the first locking projections of the cover, each of the plurality of locking flaps rotatably extending from each of predetermined portions of the circumferential outer surface of the container body near to an open top of the container body, with a locking hole provided on the locking flap to lock the locking flap to each of the first locking projections; and

an intermediate lid provided between the cover and an uppermost container body or between the container bodies, the intermediate lid comprising:

a plate-shaped part;

a coupling part bent into a channel-shape while extending from an edge of the plate-shaped part, the coupling part seated on an edge of the open top of each of the container bodies; and

a plurality of coupling flanges extending downward from predetermined portions of the coupling part to be placed around the circumferential outer surface of the container body at predetermined intervals, with a second locking projection provided on an end of each of the plurality of coupling flanges to be locked to each of the locking flaps of a neighboring container body.

2. The multi-layered container according to claim 1, further comprising:

a guide rail having a pair of guide projections projected from predetermined portions of the outer surface of each of the container bodies to

correspond to each of the coupling flanges of the intermediate lid, so that each of the coupling flanges slides downward along the guide rail on the outer surface of the container body while the intermediate lid is coupled to the container body.

5 3. The multi-layered container according to claim 1, wherein each of the coupling flanges comprises an inclined surface at each of both sidewalls thereof such that an inner surface of the coupling flange which is in contact with the container body is wider and an outer surface of the coupling flange is narrower, and each of the guide projections of the guide rail is enlarged in a width as the
10 guide projection is projected from the outer surface of the container body so that a contact surface of each of the guide projections which is in contact with each of the sidewalls of the coupling flange is inclined to correspond to the inclined surface of each of the sidewalls of the coupling flange.

4. The multi-layered container according to claim 1, further comprising:
15 a packing provided in the coupling part of the intermediate lid to be in close contact with the edge of the open top of the container body.

5. A multi-layered container, comprising: a cover, with a plurality of first locking projections provided around a circumferential outer surface of the cover at predetermined intervals to be projected outward from the outer surface of the cover; and a plurality of container bodies, comprising: a plurality of locking flaps
20 extending from each of predetermined portions of a circumferential outer surface of the container body near to an open top of each of the container bodies to correspond to each of the first locking projections, each of the locking flaps rotated between a position of locking the cover to the container body and a position of unlocking the cover from the container body, with a locking hole
25 provided on the locking flap to lock the locking flap to each of the first locking projections; and a plurality of second locking projections provided around the circumferential outer surface of each of the container bodies at predetermined

intervals while being projected outward from predetermined portions near to a bottom of the container body to be parallel with the locking flaps, so that the second locking projections are locked to the locking flaps another container body, wherein the multi-layered container further comprising:

5 an intermediate lid provided between the container bodies, the intermediate lid comprising:

 a plate-shaped part;

 a coupling slot part bent into a channel shape to be opened toward a lower direction while extending from an edge of the plate-shaped part, the coupling slot part seated on an edge of the open top of each of the container bodies; and

 a third locking projection projected outward from each of predetermined portions of the coupling slot part to correspond to each of the second locking projections of each of the container bodies, so that the second and third locking projections corresponding to each other are locked to the same locking flap.

6. The multi-layered container according to claim 5, wherein the third locking projection comprises:

20 a projection seat depressed in a circumferential direction of the intermediate lid to receive therein each of the second locking projections; and

 a support projection part provided on each of both ends of the projection seat to be projected to a height equal to a thickness of each of the second locking projections, thus being locked to the locking flap.

7. The multi-layered container according to claim 5, further comprising:

25 a packing provided in the coupling slot part of the intermediate lid to be in close contact with the edge of the open top of the container body.